BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

	O170019 + 0170093 List PWS ID #s for all Water Systems Covered by this CCR
The Fe confide nust be	ederal Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consume ence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCF e mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.
Please	Answer the Following Questions Regarding the Consumer Confidence Report
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper On water bills Other
	Date customers were informed: <u>5/24/13</u>
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed://_
}	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper: DeSoto Times - Tribune
	Date Published: 5 24/12
	CCR was posted in public places. (Attach list of locations)
	Date Posted: / /
]	CCR was posted on a publicly accessible internet site at the address: www
CERT	<u>IFICATION</u>
consiste	by certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and manner identified above. I further certify that the information included in this CCR is true and correct and it ent with the water quality monitoring data provided to the public water system officials by the Mississippi Statement of Health, Bureau of Public Water Supply.
LLLY Name	Hu Cloure Booklesser, 5/31/12 Title (President, Mayor, Owner, etc.) Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

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RECEIVED-WATER SUPPLY

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2011 Annual Drinking Water Quality Report
Vialls Water Association, Inc.
PVVS#: 0170019 & 0170043
May 2012

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to commutally improve the water treatment process and protect our exater resources. We are committed to providing you with information because informed customers are our best alies. Our water source is from wells drawing from the Lower Wilcox Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Walls Water Association have received moderate raikings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Wade Carter, Manager at 662.781.3722. We want our valued customers to be informed about their water utility. If you have a concern, you can meet with the board, by request at our regularly scheduled meetings. They are held on the fourth Tuesday of the month at 4:00 PM at the Walls Water Office located at 6200 Goodman Road W.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2011. In cases where monitoring wasn't required in 2011, the table reflects the most recent results. As water travels, ever the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pleat up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts or some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (iviCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) — The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

PWS ID#	01700	19		TEST RESULTS					
Contaminant	Violatio Y/N	on Dats Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL/MRDI	Measure -ment	MCLG	MC!	Likely Source of Contamination	
Inorganic	Contai	minanta							
10. Barium	N	2011	.036	.01036	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
13. Chromium	N	2008*	1.2	1-1.2	ррь	100		Discharge from steel and pulp milist erosion of natural deposits	
14. Copper	N	2008*	.001	0	ppm	1.3	AL=1.3	Corresion of household plumbing systems; erosion of natural cepesits; leaching from wood preservatives	
16. Fluoride**		2010*	1.26	.52 1.26	ppm	4	4	Erosion of natural deposits; wate additive which promotes strong leath discharge from fertilizer and aluminum factories	
17. Lead		2008*	1	. 0	ppb	0	AL=45	Corresion of household plumbing systems, erosion of natural saposits	
Dis mfe ct ic	m Ey-I	roduce							
Chlorine	N	2011 .9	.7	6 – 1.15 p	pm	0 MRD		ater additive used to control	

PWS ID#	017004	3		TEST RESULTS					
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL/MRD	Measure -ment	MCL	.G	MC!	. i.lkely Source of Contamination .
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10. Barium	7	2011	.032	No Range	ppm		2	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2 Discharge of drilling wastes; clack-arge from metal refineries; erosion of natural deposits
14. Copper	N	2007*	.8	0	ppm	A contract of the contract of	1.3	AL=1	6.3 Corresion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2011	.30	No Range	ppm		4		4 Ercsion of natural deposits; wate additive which promotes strong them. discharge from fertilizer and aluminum factories
17. Lead	N	2007*	1	0	ppb	10 (10 to 10	0	AL≕	15 Corrosion of household plumbing systems, erosion of natural deposits
Disnfectio	n By-P	roducis							
82. TTHM [Total trihalomethanes]	N	2008*	7.88 N	lo R ange p	pb	0	egeneral a gregories	80	By-product of drinking water chlorination.
Chlorine	N	2011	1.1 .8	381.40 p	pm	0	MRE)L = 4	Water additive used to control microbes

^{*} Most recent sample. No sample required for 2011.

** Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.7 - 1.3 mg/l.

We are required to monitor your distriking water for specific constituents on a monthly basis. Posufic of regular monitoring are an indicator of whether or not our distriking water meets realth standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an ellorido ensure systems complete all monitoring requirements. MSDH now notifies systems of any missing samples price to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant womer and young children. Lead in drinking water is primarily from materials and components associated with service lines and home pulmping. Our water system is responsible for providing high quality drinking water out cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 60.3.576.7582 if you wish to have your water tested.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the Walts Water Association # 0170019 is required to report certain results penalining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride samples results were within the optimal ranger of 0.7 – 1.5 ppm was 7. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7 – 1.5 ppm was 50%.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the Walls Water Association – Lake Forest # 0170043 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride temples results were within the optimal range of 0.7 – 1.3 ppm was 6. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7 – 1.3 ppm was 45%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, improving or organic phemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Horine at 1-800-42/8-4751.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their hearth care providers. EPA/CDC guidelines on appropriate means to ressen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hottine 1.306,426,4791.

*****A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING*****

In accordance with the Radionuclides Rule, all community public water supplies were requires to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological health laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has not completed the monitoring requirements. The Bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The Walls Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

DESOTOTIMES TRIBUNE

PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI COUNTY OF DESOTO

Diane Smith personally appeared before me the undersigned in and for said County and State and states on oath that she is the **CLERK** of the DeSoto Times-Tribune, a newspaper published in the town of Hernando, State and County aforesaid, and having a general circulation in said county, and that the publication of the notice, a copy of which is hereto attached, has been made in said paper _____ consecutive times, as follows, to-wit:

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